0200

OIPE

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                    RAW SEQUENCE LISTING                    DATE: 07/19/2000
                    PATENT APPLICATION: US/09/610,118       TIME: 13:59:16

                    Input Set : A:\7853211
                    Output Set: N:\CRF3\07192000\I610118.raw

       4 <110> APPLICANT: Busfield, [illegible]
       5       Villeval, J.
       6       Jaudiot-Perrus, M.
       7       Vainchenker, W.
       8       Gill, D.
       9       Qian, M.
      10       Kingsbury, G.
      12 <120> TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
      14 <130> FILE REFERENCE: [illegible]
C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/610,118
C--> 16 <141> CURRENT FILING DATE: 2000-06-30
      16 <150> PRIOR APPLICATION NUMBER: 09/503,[illegible]
W--> 17 <151> PRIOR FILING DATE: 2/14/00
      19 <150> PRIOR APPLICATION NUMBER: 09/151,521
W--> 20 <151> PRIOR FILING DATE: 12/6/99
      22 <150> PRIOR APPLICATION NUMBER: 09/345,468
W--> 23 <151> PRIOR FILING DATE: 6/30/99
      25 <160> NUMBER OF SEQ ID NOS: [illegible]
      27 <170> SOFTWARE: FastSEQ for Windows Version 3.0
      29 <210> SEQ ID NO: 1
      30 <211> LENGTH: 2017
      31 <212> TYPE: DNA
      32 <213> ORGANISM: Homo sapiens
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      36 tctatcttag gctatttctg gggcatcgac caacacagag tggaccgctc ccccagccct     120
      37 ccctccaagc tctggccagc tccctggtgc ccctagcaaa gccagtgacc ctccagcgac     180
      38 aggaacctcc ggagtggaac ctatactgcc tggagcagct aaattccagc aggtaccaag     240
      39 atcaagcaat cctcttcatc ccgaccatca agagacgtct ggctggacgc tacggctgct     300
      40 cctaccagaa cagaaacctc tggtccctgc ccaacaacca actggagctc gttgccacgg     360
      41 gagtttttgc caaacccttg ctcctagcgc agccccaccc gggagtgtcg ttggaaaggg     420
      42 acgtaaccct acagtgtcag actcagtatg gctttgacca atttgctctg tataaggaag     480
      43 gggaccctgc ggcctacaag aatcccgaga gatggtaccg ggctagtttc cctatcatca     540
      44 cggtgaccgc cagcccagc ggaacctacc gatattacag cttctccagc agggacccat     600
      45 acctgtggtc ggcccccagc gaccccctgg agcttctggt cacaggaacc tctgtaaccc     660
      46 ccagcccggt accaacagaa ccaccttcct cgatagcaga attctcagaa gccacccctg     720
      47 aactgacccg ctcatttaca aacaaagtct tcacaactga gacttctagg agtatcacca     780
      48 ccagtccaaa ggagtcagac tctccagctg atcctgccgg ccagtactac accaagggca     840
      49 acctggtccg gatatgcctc gaggctgtga tcctaataat cctggcgagg tttctagcag     900
      50 agaactggca cagcccgagg aagcgcctac agcacaggag caggactgtg cagaggcagc     960
      51 ttccgcccct gccgtcgctc ccgcaggtcc caaaatccca caggggtcag gatggaagcc    1020
      52 gacaggatgt tcacagcccc ggggttatgt catgaccgct gaaccccagg cacggtcgta    1080
      53 tccaagggag ggatcatggc atgggaggcg actcaaagac tagcgtgtgt ggagcgtgga    1140
      54 agcaggaggg caaagcctac agctatggaa acaagcccat gctgcctcct cctggatgtc    1200
      55 catcaggaag ccgttcggcc agtgtctgtc tgtctgtctg cctctctgtc tgaggacacc    1260
      56 ctccatttgg gatggaagga atctgtggag accccatcct cctccctgca cactgtggat    1320
      57 gacatggtac cctggctgga ccacatactg gcctctttct tcaacctctc taatatgggc    1380
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PATENT APPLICATION:  US/09/610,118     TIME: 13:59:16

Input Set : A:\7853211
Output Set: N:\CRF3\07192000\I610118.raw

tcccaacaga tctctaaagt tcccagctct cagtgttgac tctattccat cctctgtgca    1440
aaatcctcct gtacttccct ttggccctct gtgctcttat ctagttttcc ccagaaactc    1500
ttacctctac tccatctccc actgcggtct aacaaatctc ctttcgtctc tcagaacagg    1560
tcttgcagac agtttggata tgtcattcat tttccttagt gtaaaactaa cacattgccc    1620
gcttcccttc acattagaaa acaagatcag cctgtgcaac atgatgaaac ctcatcttta    1680
ccaacaaaac aaaaaaacac aaaaattagc caagtgtaat ggtgcatgcc tatagctcca    1740
gcaactcaga aggctgagat gagagaatgg cttgagccta ggaggctgag attgcagtga    1800
gctgagatca caccactgca ctctagcctg ggtgacagag cctaacctta tctcaaaaaa    1860
taaagggata aatatgtcaa ttaccctgat ttgatcatag cacattgtat acatgtattg    1920
caatatttac gtcccaccca taaatatgta caattatgta tacatttttt aaataataaa    1980
attaaataaa tgaaaaaaaa aaaaaaaaaa aaaaaaaggg cagggcggta gactaatcta    2040
aattaca                                                              2047
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<211> LENGTH: 1017
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2
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cagagtggac cgctccccaa gccctccctc caggctctgc ccagctccct ggtgcccctg     120
gagaagccag tgaccctccg gtgccaggga cctccgggcg tggacctata ccgcctggag     180
aagctgagtt ccagcaggta ccaggatcag gcagtcctct tcatcccggc catgaagaga     240
agtctggctg gacgctaccg ctgctcctac cagaacggaa gcctctaatc cctgcccagc     300
gacgagctga agctcattgc cacgggagtt tttgccaaac cctcgctctc agcccagccc     360
ggcccggcgg tgtcgtcagg agggaacgta accctacagt gtcagactcg gtatggcttt     420
gaccaatttg ctctgtacaa ggaaggggac cctgcgccct acaagaatcc cgagagatgg     480
taccgggcta gtttccccat catcacggtg accgccgccc acagcggaac ctaccgatgc     540
tacagcttct ccagcaggga cccatacctg tggtcggccc ccagcgaccc cctggagctt     600
gtggtcacag gaacctctgt gacccccagc cggttaccaa cagaaccacc ttcctcggta     660
gcagaattct cagaagccac cgctgaactg accgtctcat tcacaaacaa agtcttcaca     720
actgagactt ctaggagtat caccaccagt ccaaaggagt cagactctcc agctggtcct     780
gcccgccagt actacaccaa gggcaacctg gtccggatat gcctcggggc tgtgatcctg     840
ataatcctgg cggcgtttct ggcagaggac tggcactcgc ggaggaagcg gctgcggcac     900
aggggcaggg ctgtgcagag gccgcttccg cccctgccgc ccctcccgca gacccggaaa     960
tcacactcag gtcaggatgg aggccgacag gatgttgaca gccgcgggtt atgttca       1017
<210> SEQ ID NO: 3
<211> LENGTH: 339
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3
Met Ser Pro Ser Pro Thr Ala Leu Phe Cys Leu Gly Leu Cys Leu Gly
 1               5                  10                  15
Arg Val Pro Ala Gln Ser Gly Pro Leu Pro Lys Pro Ser Leu Gln Ala
            20                  25                  30
Leu Pro Ser Ser Leu Val Pro Leu Gln Lys Pro Val Thr Leu Arg Cys
        35                  40                  45
Gln Gly Pro Pro Gly Val Asp Leu Tyr Arg Leu Glu Lys Leu Ser Ser
    50                  55                  60
Ser Arg Tyr Gln Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg
65                  70                  75                  80
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RAW SEQUENCE LISTING                        DATE: 07/19/2000
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Input Set : A:\7853211
Output Set: N:\CRF3\07192000\I610118.raw

Ser Leu Ala Gly Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp
                85                  90                  95
Ser Leu Pro Ser Asp Gln Leu Glu Leu Val Ala Thr Gly Val Phe Ala
            100                 105                 110
Lys Pro Ser Leu Ser Ala Glu Pro Gly Pro Ala Val Ser Ser Gly Gly
        115                 120                 125
Asp Val Thr Leu Gln Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala
    130                 135                 140
Leu Tyr Lys Glu Gly Asp Pro Ala Pro Tyr Lys Asn Pro Glu Arg Trp
145                 150                 155                 160
Tyr Arg Ala Ser Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly
                165                 170                 175
Thr Tyr Arg Cys Tyr Ser Phe Ser Ser Arg Asp Pro Tyr Leu Trp Ser
            180                 185                 190
Ala Pro Ser Asp Pro Leu Glu Leu Val Val Thr Gly Thr Ser Val Thr
        195                 200                 205
Pro Ser Arg Leu Pro Thr Glu Pro Pro Ser Ser Val Ala Glu Phe Ser
    210                 215                 220
Glu Ala Thr Ala Glu Leu Thr Val Ser Phe Thr Asn Lys Val Phe Thr
225                 230                 235                 240
Thr Glu Thr Ser Arg Ser Ile Thr Thr Ser Pro Lys Glu Ser Asp Ser
                245                 250                 255
Pro Ala Gly Pro Ala Ala Gln Tyr Tyr Thr Lys Gly Asn Leu Val Arg
            260                 265                 270
Ile Cys Leu Gly Ala Val Ile Leu Ile Ile Leu Ala Gly Phe Leu Ala
        275                 280                 285
Glu Asp Trp His Ser Arg Arg Lys Arg Leu Arg His Arg Gly Arg Ala
    290                 295                 300
Val Gln Arg Pro Leu Pro Pro Leu Pro Pro Leu Pro Gln Thr Arg Lys
305                 310                 315                 320
Ser His Gly Gly Gln Asp Gly Gly Arg Gln Asp Val His Ser Arg Gly
                325                 330                 335
Leu Cys Ser
<210> SEQ ID NO: 4
<211> LENGTH: 20
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 4
Met Ser Pro Ser Pro Thr Ala Leu Phe Cys Leu Gly Leu Cys Leu Gly
 1               5                  10                  15
Arg Val Pro Ala
            20
<210> SEQ ID NO: 5
<211> LENGTH: 31
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 5
Gln Ser Gly Pro Leu Pro Lys Pro Ser Leu Gln Ala Leu Pro Ser Ser
 1               5                  10                  15
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RAW SEQUENCE LISTING                          DATE: 07/19/2000
PATENT APPLICATION    US/09/610,118           TIME: 13:59:16

Input Set : A:\7853211
Output Set: N:\CRF3\07192000\I610118.raw

Leu Val Pro Leu Glu Lys Pro Val Thr Leu Arg Cys Gln Gly Pro Pro
            20                  25                  30
Gly Val Asp Leu Tyr Arg Leu Gln Lys Leu Ser Ser Ser Arg Tyr Gln
        35                  40                  45
Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg Ser Leu Ala Gly
    50                  55                  60
Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp Ser Leu Pro Ser
65                  70                  75                  80
Asp Gln Leu Glu Leu Val Ala Thr Gly Val Phe Ala Lys Pro Ser Leu
                85                  90                  95
Ser Ala Gln Pro Gly Pro Ala Val Ser Ser Gly Gly Asp Val Thr Leu
            100                 105                 110
Gln Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala Leu Tyr Lys Glu
        115                 120                 125
Gly Asp Pro Ala Pro Tyr Lys Asn Pro Glu Arg Trp Tyr Arg Ala Ser
    130                 135                 140
Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly Thr Tyr Arg Cys
145                 150                 155                 160
Tyr Ser Phe Ser Ser Arg Asp Pro Tyr Leu Trp Ser Ala Pro Ser Asp
                165                 170                 175
Pro Leu Glu Leu Val Val Thr Gly Thr Ser Val Thr Pro Ser Arg Leu
            180                 185                 190
Pro Thr Glu Pro Pro Ser Ser Val Ala Glu Phe Ser Glu Ala Thr Ala
        195                 200                 205
Gln Leu Thr Val Ser Phe Thr Asn Lys Val Phe Thr Thr Glu Thr Ser
    210                 215                 220
Arg Ser Ile Thr Thr Ser Pro Lys Glu Ser Asp Ser Pro Ala Gly Pro
225                 230                 235                 240
Ala Arg Gln Tyr Tyr Thr Lys Gly Asn Leu Val Arg Ile Cys Leu Gly
                245                 250                 255
Ala Val Ile Leu Ile Ile Leu Ala Gly Phe Leu Ala Glu Asp Trp His
            260                 265                 270
Ser Arg Arg Lys Arg Leu Arg His Arg Gly Arg Ala Val Gln Arg Pro
        275                 280                 285
Leu Pro Pro Leu Pro Pro Leu Pro Gln Thr Arg Lys Ser His Gly Gly
    290                 295                 300
Gln Asp Gly Gly Arg Gln Asp Val His Ser Arg Gly Leu Cys Ser
305                 310                 315
<210> SEQ ID NO: 6
<211> LENGTH: 41
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 6
Cys Gln Gly Pro Pro Gly Val Asp Leu Tyr Ala Leu Gln Lys Leu Ser
1               5                   10                  15
Ser Ser Arg Tyr Gln Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys
            20                  25                  30
Arg Ser Leu Ala Gly Arg Tyr Arg Cys
        35                  40
```

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RAW SEQUENCE LISTING                          DATE: 07/19/2000
PATENT APPLICATION:  US/09/610,118            TIME: 13:59.16

Input Set : A:\7853211
Output Set: N:\CRF3\07192000\I610118.raw

<210> SEQ ID NO: 7
<211> LENGTH: 47
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 7
Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala Leu Tyr Lys Glu Gly
1               5                   10                  15
Asp Pro Ala Pro Tyr Lys Asn Pro Glu Arg Trp Tyr Arg Ala Ser Phe
            20                  25                  30
Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly Thr Tyr Arg Cys
        35                  40                  45
<210> SEQ ID NO: 8
<211> LENGTH: 19
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 8
Leu Val Arg Ile Cys Leu Gly Ala Val Ile Leu Ile Ile Leu Ala Gly
1               5                   10                  15
Phe Leu Ala
<210> SEQ ID NO: 9
<211> LENGTH: 219
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 9
Gln Ser Gly Pro Leu Pro Lys Pro Ser Leu Gln Ala Leu Pro Ser Ser
1               5                   10                  15
Leu Val Pro Leu Gln Lys Pro Val Thr Leu Arg Cys Gln Gly Pro Pro
            20                  25                  30
Gly Val Asp Leu Tyr Arg Leu Glu Lys Leu Ser Ser Ser Arg Tyr Gln
        35                  40                  45
Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg Ser Leu Ala Gly
    50                  55                  60
Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp Ser Leu Pro Ser
65                  70                  75                  80
Asp Gln Leu Glu Leu Val Ala Thr Gly Val Phe Ala Lys Pro Ser Leu
                85                  90                  95
Ser Ala Gln Pro Gly Pro Ala Val Ser Ser Gly Gly Asp Val Thr Leu
            100                 105                 110
Gln Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala Leu Tyr Lys Glu
        115                 120                 125
Gly Asp Pro Ala Pro Tyr Lys Asn Pro Glu Arg Trp Tyr Arg Ala Ser
    130                 135                 140
Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly Thr Tyr Arg Cys
145                 150                 155                 160
Tyr Ser Phe Ser Ser Arg Asp Pro Tyr Leu Trp Ser Ala Pro Ser Asp
                165                 170                 175
Pro Leu Glu Leu Val Val Thr Gly Thr Ser Val Thr Pro Ser Arg Leu
            180                 185                 190
Pro Thr Glu Pro Pro Ser Ser Val Ala Glu Phe Ser Glu Ala Thr Ala
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                      VERIFICATION SUMMARY                  DATE: 07/19/2000
                      PATENT APPLICATION   US/09/610,118      TIME: 13:59:1

                      Input Set    A:\7853211
                      Output Set:  N:\CRF3\07192000\I610118.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:17 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:20 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:23 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-D
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